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PHOTOGRAPHIC INTERPRETATION REPORT



BLUE SPRINGS MISSION 5110
7 NOVEMBER 1965

DECLASS REVIEW by NIMA/DOD

NPIC/R-387/65
DECEMBER 1965

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GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the Index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

The map base used (when available and applicable) for the derivation of coordinates is the latest edition of the US Air Target Chart, Series 200, or AMS Series L509 1:250,000 (China); or ONC; or AMS Series 1301, IMW (Tibet, Western China).

The header line for each target contains, reading from

left to right, the target name, the geographic coordinates, the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), or P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85 mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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R-387/65

25X1C

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>MISSILES</u></p> <p>HANOI SAM SITE B30A-2 16.5 NM NW OF HANOI AT 21-08-24N 105-35-33E (UTM WJ616376). SITE CONTAINS 6 REVETTED LAUNCH POSITIONS AND A REVETTED CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1) COMOR [REDACTED]</p>	2108N 10535E	0616	[REDACTED]	25X1A 248-B
	2132N 10547E	0616	[REDACTED]	242-K
<p>HANOI SAM SITE D36-2 30.6 NM NORTH OF HANOI AT 21-32-20N 105- 47-45E (UTM WJ831813). SITE CONTAINS 3 REVETTED LAUNCH POSITIONS, 2 REVETTED LAUNCH POSITIONS UNDER CONSTRUCTION, A REVETTED CENTRAL GUIDANCE AREA UNDER CONSTRUCTION, 1 REVETTED MISSILE-HOLD POSITION, AND 2 CIRCULAR REVETMENTS APPROXIMATELY 200 YDS SE OF SITE. COMOR [REDACTED]</p>				
<u>STORAGE</u>				
<p>XUAN MAI PROBABLE STORAGE AREA 2.5 NM SW OF XUAN MAI AT UTM WJ610078. STORAGE AREA CONSISTS OF 4 WAREHOUSE- TYPE BUILDINGS. [REDACTED]</p>	2052N 10534E	0616		261-C

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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25X1C

R-387/65

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>MILITARY INSTALLATIONS</u></p> <p>QUI HAU AMMUNITION DEPOT WEST 1.5 NM NW. OF QUI HAU AT UTM WH250805. DOUBLE-SECURED STORAGE AREA CONTAINS 23 DISPERSED, SEMI-RETTED STORAGE BUILDINGS (6 INTACT AND 17 DESTROYED/ DAMAGED). ADDITIONAL FACILITIES CONSIST OF 7 LARGE (3 OUTSIDE FENCED AREA) AND 2 SMALL BUILDINGS (ALL 9 UNDER CONSTRUCTION) AND 3 SMALL SUPPORT BUILDINGS. COMOR [REDACTED]</p>	2037N 10514E	0616	[REDACTED]	283
<p>XOM MAN MILITARY CAMP 1.4 NM ENE OF XOM MAN AT UTM WH333907. PARTIALLY SECURED CAMP CONSISTS OF 6 PROBABLE BARRACKS, 2 PROBABLE ADMINISTRA- TION, 6 LARGE STORAGE, AND AT LEAST 12 SMALL SUPPORT BUILDINGS. A TRAINING AREA IS ADJACENT TO THE NORTH EDGE OF THE CAMP.</p>	2043N 10519E	0616		285
<p>XOM CHANG ARMY BARRACKS SOUTH HOA BINH VICINITY AT UTM WH357986. SEVENTY-FIVE PERCENT OF THE BUILDINGS HAVE BEEN DISMANTLED. ONE STORAGE AND 2 SMALLER BUILDINGS ARE INTACT IN AREA ON WEST SIDE OF HIGHWAY 6, AND 2 STORAGE AND 1 SMALLER BUILDING ARE INTACT ON EAST SIDE OF HIGHWAY.</p>	2047N 10520E	0616	[REDACTED]	317-B

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25X1C R-387/65

25X1D

25X1D

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HOA BINH MILITARY AREAS</p> <p>TWO MILITARY AREAS AT HOA BINH.</p> <p>AREA A (UTM WJ353022) -- BARRACKS AREA CONTAINS 9 BARRACKS, 2 ADMINISTRATION, AND 7 SUPPORT BUILDINGS.</p> <p>AREA B (UTM WJ362028) -- BARRACKS AREA CONTAINS 4 BARRACKS (1 T-SHAPED), 2 ADMINISTRATION (1 C-SHAPED AND 1 T-SHAPED), AND 1 SUPPORT BUILDING. BARRACKS AREA IMMEDIATELY WEST OF AREA CONTAINS APPROXIMATELY 20 BARRACKS, 1 CROSS-SHAPED ADMINISTRATION, AND APPROXIMATELY 10 STORAGE/SUPPORT BUILDINGS. PREVIOUSLY REPORTED AREA C (UTM WJ350014) DOES NOT APPEAR TO BE MILITARY.</p>	2049N 10520E	0616		115-D
<p>DONG BEN MILITARY AREAS</p> <p>TWO MILITARY AREAS APPROXIMATELY 1 NM SOUTH OF DONG BEN.</p> <p>AREA A (SOUTH SIDE OF ROUTE 6 AT UTM WJ402097) -- 4 LARGE WAREHOUSE-TYPE, 5 SMALL SUPPORT AND 3 BUILDINGS UNDER CONSTRUCTION OR BEING DISMANTLED.</p> <p>AREA B (SOUTH SIDE OF ROUTE 6 AT UTM WJ411104) -- A ROAD PARALLEL TO ROUTE 6 CONNECTS AREA TO AREA A. AREA CONTAINS 3 BARRACKS AND 13 STORAGE BUILDINGS, 4 BUILDING FOUNDATIONS, AND AT LEAST</p>	2054N 10523E	0616		420

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R-387/65

25X1C

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<p>DONG BEN BARRACKS 0.5 NM SE OF DONG BEN AT UTM WJ413113. SECURED AREA CONTAINS 14 BARRACKS, 3 ADMINISTRATION, AND 3 STORAGE BUILDINGS. NUMEROUS PERSONNEL TRENCHES OBSERVED THROUGHOUT AREA.</p>	2054N 10523E	0616		420-B
<p>VINH YEN MILITARY COMPLEX SIX MILITARY AREAS REFERENCED FROM VINH YEN. AREA A (1.1 NM NNE AT UTM WJ640617, VINH YEN ARMY TRAINING AREA NORTH, [REDACTED]) [REDACTED] 3 SEPARATE SUB-AREAS. A BARRACKS AREA CONTAINS 14 MULTISTORY BARRACKS, 2 ADMINISTRATION BUILDINGS, 5 MESSHALLS, AN ATHLETIC FIELD WITH SMALL FIELD HOUSE, AND NUMEROUS SMALL SUPPORT BUILDINGS. A SECURED MOTOR POOL JUST SOUTH CONTAINS 20 VEHICLE MAINTENANCE SHEDS, 10 SMALL SUPPORT BUILDINGS, AND AN ARMORED VEHICLE DRIVER TRAINING COURSE. A SECURED AMMUNITION STORAGE SITE JUST SOUTH OF MOTOR POOL CONTAINS 6 SMALL AMMUNITION STORAGE BUILDINGS. A MOVING TARGET TANK RANGE 1 NM NE CONTAINS 3 FIRING LANES AND 5 SMALL SUPPORT BUILDINGS AT FIRING POSITIONS. AREA B (1.2 NM NNE AT UTM WJ624582, VINH YEN ARMY BARRACKS, [REDACTED]) -- SECURED BARRACKS AREA CONTAINS 13 BARRACKS, 10 VEHICLE AND EQUIPMENT STORAGE, 1 ADMINISTRATION, 4 MESSHALL, AND 15 SUPPORT BUILDINGS. TRACK ACTIVITY, GUN EMPLACEMENTS, AND AW POSITIONS OBSERVED THROUGHOUT THE AREA. AREA C (1.2 NM NNE AT UTM WJ638572, VINH YEN ARMY BARRACKS NNE, [REDACTED]) -- SECURED BARRACKS AREA CONTAINS 19 BARRACKS, 3 ADMINISTRATION (1 C-SHAPED, 1 UNDER CONSTRUCTION), 9 STORAGE, 1 VEHICLE</p>	2120N 10537E	0616		241-A

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25X1C

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Target	Coordinates	WAC	Target Numbers	
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<p>MAINTENANCE, 3 MESSHALL, AND APPROXIMATELY 20 SUPPORT BUILDINGS AND 10 VEHICLE/EQUIPMENT SHEDS. A SECURED AMMUNITION STORAGE AREA IMMEDIATELY NORTH CONTAINS 3 REVETTED STORAGE BUILDINGS.</p> <p>25X1A AREA D (2 NM EAST AT UTM WJ658561, VINH YEN AMMUNITION DEPOT, [REDACTED] --</p> <p>25X1 AMMUNITION STORAGE AREA CONTAINS 22 SECURED</p> <p>25X1 AND REVETTED AMMUNITION STORAGE, [REDACTED]</p> <p>25X1 [REDACTED] AND SEVERAL SUPPORT</p> <p>25X1 BUILDINGS. UNIDENTIFIED CONSTRUCTION ACTIVITY</p> <p>25X1 OBSERVED ADJACENT TO THE [REDACTED]</p> <p>25X1 [REDACTED] BUILDINGS.</p> <p>25X1A AREA E (1 NM SW AT UTM WJ606549, VINH YEN ARMY BARRACKS SW, [REDACTED] --</p> <p>25X1A BARRACKS AREA CONTAINS 18 BARRACKS-TYPE, 14 ADMINISTRATION, 7 STORAGE, 4 POSSIBLE HOSPITAL, AND APPROXIMATELY 20 SUPPORT BUILDINGS. A PROBABLY ASSOCIATED AREA 0.6 NM SE CONTAINS 8 BARRACKS AND 5 SUPPORT BUILDINGS (1 UNDER CONSTRUCTION).</p> <p>25X1A AREA F (3.8 NM NE AT UTM WJ678600, VINH YEN ARMY BARRACKS NE GIA DU, [REDACTED] --</p> <p>25X1A BARRACKS AND SUPPORT AREA CONTAINS 8 BARRACKS 3 ADMINISTRATION, 9 STORAGE, AND 10 SUPPORT BUILDINGS AND 5 VEHICLE SHEDS.</p> <p>25X1A OB -- AREA B -- 21 UNIDENTIFIED VEHICLES.</p> <p>25X1A COMOR [REDACTED]</p> <p>25X1D [REDACTED]</p> <p>LANG HET AMMUNITION DEPOT</p> <p>3.5 NM NE OF LANG QUANG AT UTM XJ279818.</p> <p>AREA SUBJECTED TO AIR STRIKE. FIFTEEN REVETTED STORAGE BUILDINGS REMAIN. FIVE STORAGE BUILDINGS HAVE BEEN SEVERELY DAMAGED OR DESTROYED. ROADS LEAD TO POSSIBLE CAVE ACTIVITY IN HILLS AT UTM XJ286816 AND</p>				
	2132N 10614E	0616		374

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R-387/65

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
UTM XJ288821. <div style="border: 1px solid black; height: 15px; width: 250px; margin: 5px 0;"></div> BAN MON MILITARY COMPLEX THREE AREAS ALONG SOUTH BANK OF SONG CA (RIVER) IN BAN MON VICINITY. AREA A (UTM VG445296) -- EXTENSIVE BOMB DAMAGE WITH 90 PERCENT OF THE BUILDINGS DESTROYED OR SEVERELY DAMAGED. FIVE BARRACKS AND 8 SUPPORT BUILDINGS APPEAR TO BE INTACT. MINOR TRENCHING OBSERVED IN AREA. AREA B (UTM VG432310) -- DOES NOT APPEAR TO BE MILITARY. AREA C (UTM VG370299) -- NO BUILDINGS OBSERVED AT THESE COORDINATES. BRIDGE AT UTM VG378290 SE OF AREA C HAS BEEN DESTROYED BY BOMB AND NEW BRIDGE HAS BEEN BUILT IN ITS PLACE. <div style="border: 1px solid black; height: 15px; width: 230px; margin: 5px 0;"></div>	1916N 10428E	0617		454
<u>ELECTRONICS/COMMUNICATIONS.</u> PHUC YEN RADAR SITE 1.6 NM SOUTH OF PHUC YEN AT UTM WJ732453. NO RADAR SITE OBSERVED. <div style="border: 1px solid black; height: 15px; width: 250px; margin: 5px 0;"></div>	2112N 10542E	0616	<div style="border: 1px solid black; height: 15px; width: 80px; margin: 5px 0;"></div>	326-D
THAI NGUYEN SUSPECT RADAR SITE NO RADAR SITE OBSERVED IN AREA. COMOR <div style="border: 1px solid black; height: 15px; width: 80px; margin: 5px 0;"></div> <div style="border: 1px solid black; height: 15px; width: 290px; margin: 5px 0;"></div>	2131N 10555E	0616		242-H

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25X1C

R-387/65

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p><u>STORAGE</u></p> <p>TUNG TU POL STORAGE. IMMEDIATELY EAST OF TUNG TU AT UTM WJ910768. POL STORAGE AREA CONSISTS OF APPROXIMATELY 7 BURIED POL TANKS.</p>	2129N 10552E	0616		513-A
<p>BA NANG PROB EXPLOSIVES STGE AREA U/C 2.5 NM WEST OF BA NANG AT UTM XJ412832. NO MILITARY ACTIVITY NOTED AT ABOVE COORDINATES. AN AREA AT UTM XJ425838 HAS BEEN RAZED AND ABANDONED. A PROBABLE EXPLOSIVES STORAGE AREA AT UTM XJ403820 CONSISTS OF AT LEAST 15 DISPERSED STORAGE BUILDINGS. ALTHOUGH AREA HAS BEEN SUBJECTED TO EXTENSIVE AIR STRIKE, BUILDINGS APPEAR UNDAMAGED.</p>	2133N 10621E	0616		374-A
<p><u>URBAN COMPLEXES</u></p> <p>THAI NGUYEN COMPLEX RESIDENTIAL COMPLEX APPROXIMATELY 1 SQ MI IN AREA ON THE KAU RIVER. NO MAJOR OR MINOR INDUSTRIES WITHIN COMPLEX. LIGHT BOMB DAMAGE HAS OCCURED AT SOUTH END OF BRIDGE IN CENTER OF COMPLEX. COMOR</p>	2135N 10551E	0616		242

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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25X1C

R-387/65

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			BE	NPIC
<p>-NORTH VIETNAM-</p> <p><u>AIR</u></p> <p>PHUC YEN AIRFIELD</p> <p>OB -- 6 PROBABLE BEAGLE, 22 PROBABLE FAGOT/FRESCO, AND 2 SMALL UNIDENTIFIED AIRCRAFT.</p> <p>COMOR [REDACTED]</p> <p>[REDACTED]</p> <p><u>GROUND</u></p> <p>VINH YEN MILITARY COMPLEX</p> <p>OB -- AREA B -- 21 UNIDENTIFIED VEHICLES.</p> <p>COMOR [REDACTED]</p> <p>[REDACTED]</p>	2113N 10548E	0616	[REDACTED]	25X1A 326-C
	2120N 10537E	0616		241-A

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